WHAT IS CLAIMED IS:

1.   An interactive television system comprising:

a broadcast center (10) including a source of video signals, a source of
5   application programs, and a source of font files comprising a partial font file containing
the fonts applicable to a given application which is less than the full font file of a given
language, and a transmitter (12) which acts to transmit the video signals, application
programs and partial font files; and

an interactive television receiver responsive to the transmitted video signals
10   application programs, and partial font files which displays text produced in response to
the partial font files.

2.   The interactive television system of Claim 1, wherein the source of font
files comprises a partial font generator (38).

15

3.   The interactive television system of Claim 1, wherein the video signals,
application programs and partial font files are multiplexed in a transportstream; and

wherein the application programs are objects in an object carousel (90)
multiplexed in the transportstream.

20

4.   The interactive television system of Claim 3, wherein the application
programs and partial font files are separate objects of the object carousel (90).

5.   The interactive television system of Claim 3, wherein the partial font
25   files are embedded in the application programs.

6.   A method for generating a character font file for an application of an
interactive television system comprising:

analyzing an interactive television application to determine if a particular font is
30   used in the application;

if the particular font is used in the application, adding the font to a partial font
file;

if the particular font is not used in the application, not adding the font to a partial font file; and

repeating the previous steps until the text of the application has been fully analyzed.

5

7.   The method of Claim 6, further comprising storing the partial font file after the application has been completely analyzed.

8.   The method of Claim 7, wherein storing comprises storing the partial

10   font file as a resource file for the application.

9.   The method of Claim 7, further comprising placing the application and the partial font file in an object carousel (90).

15   10.   The method of Claim 9, further comprising transmitting the application and the partial font file to an interactive television receiver.

11.   An interactive television system having a broadcast center comprising:

a source of video/audio streams;

20   a source of applications;

a partial font generator (38) responsive to the textual content of an application which produces a partial font file; and

a transmitter (12) responsive to a video/audio stream, an application, and a partial font file for the transmission of a transportstream.

25

12.   The interactive television system of Claim 11, wherein the partial font generator comprises the manual selection of fonts used in an application.

13.   The interactive television system of Claim 11, wherein the partial font

30   generator (38) comprises an automated addition of a font newly requested by an application to a partial font file.

14.   The interactive television system of Claim 11, further comprising an interactive video receiver responsive to a received transport stream including:

a receiver which separates an application from a video/audio stream;

an application processor;

5   a video signal processor; and

a television display (22) coupled to the application processor and the video signal processor for the display of video and application content.

15.   The interactive television system of Claim 14, wherein the application

10   processor is responsive to a partial font file for the display of textual information of an application on the television display (22).

16.   The interactive television system of Claim 11, wherein the source of applications comprises a source of applications compatible with the MHP standard.

15